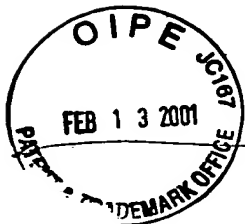
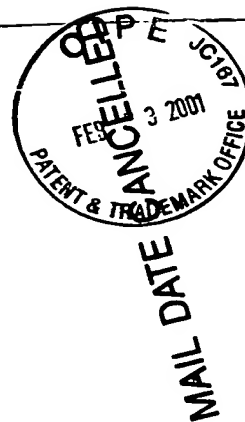
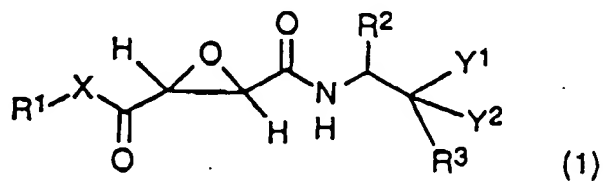


ABSTRACT



Epoxy succinamide derivatives of the formula (1):



wherein R¹ is hydrogen, alkyl, alkenyl, alkynyl, aryl, or aralkyl; R² is alkyl, alkenyl, alkynyl, aryl, or aralkyl; R³ is hydrogen, alkyl, alkenyl, alkynyl, aryl, aralkyl, heterocyclic, or heterocyclic-alkyl; X is -O- or -NR⁴- (R⁴ is hydrogen, alkyl, aryl, aralkyl, heterocyclic, or heterocyclic-alkyl); Y¹ is OR⁵, SR⁶, or NR⁷R⁸; and Y² is hydrogen or alkyl. The compounds are useful as remedies for bone diseases and arthritis.